

REGENERATED PET RESIN COMPOSITION

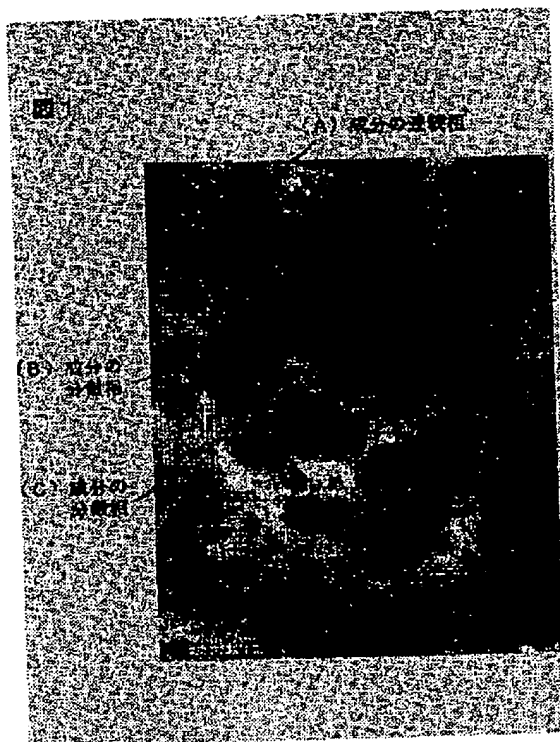
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Abstract of JP2003213112

<P>PROBLEM TO BE SOLVED: To obtain a regenerated PET resin composition using a ground product of a PET product such as waste PET bottles, or the like, the composition controlling a deterioration by a hydrolysis, being suitable for extrusion molding and having excellent mechanical characteristics.

<P>SOLUTION: The regenerated PET resin composition is obtained by kneading (A) 100 pts.wt. of the PET ground product of a used waste PET product, (B) 3-60 pts.wt. of a polyolefin resin, (C) 2-80 pts.wt. of a block copolymer having a block comprising at least one vinyl aromatic compound polymer and another block comprising at least one conjugated diene compound polymer, and (D) 150 pts.wt. of a multi-layer structure polymer obtained by graft copolymerization of an olefin copolymer containing an epoxy group and a vinyl (co)polymer, in kneading equipment at a temperature of from at least the melting point of the component (B) (the polyolefin resin) to lower than the melting point of component (A) (the PET ground product). <P>COPYRIGHT: (C)2003,JPO



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